EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050120104").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 15:38
S2	1	("6618819").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 23:22
S3	1	(US-20050120104-$).did.	US-PGPUB	OR	OFF	2007/08/21 15:38
S4	1	(US-20050120104-$).did. and (medium waves carrier signal)	US-PGPUB	OR	ON	2007/08/21 15:40
S5	2	(task with class with (weight priority)).ab,ti.	US-PGPUB; USPAT	OR	ON	2007/08/21 15:43
S6	4490120	@ad<"20031128"	US-PGPUB; USPAT	OR	ON	2007/08/21 15:43
S7	1	S5 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 15:44
S8	179	(task cpu) with starvation	US-PGPUB; USPAT	OR	ON	2007/08/21 15:44
S9	4852	task with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:44
S10	28574	(cpu processor) with ($2% usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 15:45
S11	14	S6 and S8 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:54
S12	17427	(quotient divid$4 nultipl$4) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:56
S13	286	S10 and S12 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 15:55
S14	2	S8 and S13	US-PGPUB; USPAT	OR	ON	2007/08/21 15:55
S15	18097	(quotient multipl$4) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:57
S16	690	S15 and S9 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 15:56
S17	60	S10 and S16	US-PGPUB; USPAT	OR	ON	2007/08/21 15:56
S18	12	S17 and 718/100-108.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/21 16:05
S19	831	(quotient multiplies multiplying) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 15:57
S20	0	S19 and S6 and S8 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:57
S21	0	S19 and S6 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:58

EAST Search History

S22	212	S6 and S9 and S10	US-PGPUB; USPAT	OR	ON	2007/08/21 15:58
S23	150	(multiplies multiplying dividing divide) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S24	104	S6 and S23	US-PGPUB; USPAT	OR	ON	2007/08/21 15:59
S25	13	S24 and ((task job process) with class)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:00
S26	2	(multiplies multiplying dividing divide) with (cpu processor) with (usage utility utilization) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S27	0	S6 and S26	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S28	6914	(hierarchy topology) with class	US-PGPUB; USPAT	OR	ON	2007/08/21 16:04
S29	4	S18 and penalty	US-PGPUB; USPAT	OR	ON	2007/08/21 16:06
S30	1	(US-6757897-$).did.	USPAT	OR	OFF	2007/08/21 16:06
S31	1	S30 and penalty	US-PGPUB; USPAT	OR	ON	2007/08/21 16:06
S32	3	(US-20050120104-$).did. or (US-6757897-$ or US-6263359-$).did.	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:07
S33	1	S32 and penalty	US-PGPUB; USPAT	OR	OFF	2007/08/21 16:07
S34	2	S32 and penalty	US-PGPUB; USPAT	OR	ON	2007/08/21 16:07
S35	2	penalty with task with (usage utility utilization) with (cpu processor)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:08
S36	0	S6 and S35	US-PGPUB; USPAT	OR	ON	2007/08/21 16:08
S37	20	penalty with task with (interval period duration)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:09
S38	8	S10 and S37	US-PGPUB; USPAT	OR	ON	2007/08/21 16:09
S39	6	S6 and S38	US-PGPUB; USPAT	OR	ON	2007/08/21 16:32
S40	2841047	determin$4 calculat$4 with (target goal) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:33
S41	86	(determin$4 calculat$4) with (target goal) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34

S42	57	S6 and S41	US-PGPUB; USPAT	OR	ON	2007/08/21 16:33
S43	0	S9 and S42	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34
S44	221	class with task with (parent sub child hierarchy topology)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34
S45	2	S44 and (target goal) with (cpu processor) with (usage utility utilization)	US-PGPUB; USPAT	OR	ON	2007/08/21 16:34
S46	1	S45 and S6	US-PGPUB; USPAT	OR	ON	2007/08/21 16:35
S47	1	(US-6263359-$).did.	USPAT	OR	OFF	2007/08/23 15:13
S48	0	(US-6263359-$).did. and (weight same priority)	USPAT	OR	ON	2007/08/23 15:13
S49	0	(US-6263359-$).did. and (penalty same priority)	USPAT	OR	ON	2007/08/23 15:13
S50	9	penalty with priority with task	US-PGPUB; USPAT	OR	ON	2007/08/23 15:14
S51	4490166	@ad<"20031128"	US-PGPUB; USPAT	OR	ON	2007/08/23 15:14
S52	6	S50 and S51	US-PGPUB; USPAT	OR	ON	2007/08/23 15:14
S53	1	(US-20050120104-$).did.	US-PGPUB	OR	OFF	2007/08/23 16:34
S54	1	(US-20050120104-$).did. and target	US-PGPUB	OR	OFF	2007/08/23 21:52
S55	5	(US-20050120104-$).did. or (US-6263359-$ or US-6757897-$ or US-6581027-$ or US-6223201-$). did.	US-PGPUB; USPAT	OR	OFF	2007/08/23 18:56
S56	4	S55 and allocated	US-PGPUB; USPAT	OR	OFF	2007/08/23 16:51
S57	1	S55 and ((processing adj3 allocated) with (weight penalty))	US-PGPUB; USPAT	OR	ON	2007/08/23 16:58
S58	2	S55 and (usage with (weight penalty))	US-PGPUB; USPAT	OR	ON	2007/08/23 17:38
S59	2	S55 and (usage with class)	US-PGPUB; USPAT	OR	ON	2007/08/23 17:31
S60	2	S55 and (usage with (weight priority))	US-PGPUB; USPAT	OR	ON	2007/08/23 17:39
S61	3	S55 and (class with (weight priority))	US-PGPUB; USPAT	OR	ON	2007/08/23 17:48
S62	1	S55 and (subclass with (weight priority))	US-PGPUB; USPAT	OR	ON	2007/08/23 18:22
S63	4	S55 and actual	US-PGPUB; USPAT	OR	ON	2007/08/23 18:23

S64	3	S55 and (penalty with priority)	US-PGPUB; USPAT	OR	ON	2007/08/23 19:23
S65	2	S55 and (penalty with duration)	US-PGPUB; USPAT	OR	ON	2007/08/23 18:47
S66	1	S55 and (subclass with class)	US-PGPUB; USPAT	OR	ON	2007/08/23 18:50
S67	1	S55 and (subclass with (priority weight))	US-PGPUB; USPAT	OR	ON	2007/08/23 18:50
S68	14	(penalty with priority with (reduc$4 demot$4))	US-PGPUB; USPAT	OR	OFF	2007/08/23 18:56
S69	13	S51 and S68	US-PGPUB; USPAT	OR	OFF	2007/08/23 18:56
S70	1	S55 and (suspend$4 with time)	US-PGPUB; USPAT	OR	ON	2007/08/23 19:31
S71	4	S55 and (penalty with (interval period))	US-PGPUB; USPAT	OR	ON	2007/08/23 19:31
S72	1	(US-20050120104-$).did. and quotient	US-PGPUB	OR	ON	2007/08/23 21:54
S73	3018290	(quotient division divided dividing) with class wtih (weight priority)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:35
S74	218471	S73 and 7$/$.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:03
S75	6255	718/100-107.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:04
S76	5079	S51 and S75	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:25
S77	3464	(boon dysart waines dapoz tremblay).inv.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:25
S78	1	S77 and (task and weight and class).clm.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:26
S79	498	(quotient division divided dividing) with class with (weight priority)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:35

EAST Search History

S80	384	S51 and S79	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:36
S81	86	S80 and 7$/$.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2007/08/23 22:36

Google Scholar BETA

Advanced Scholar Search | About Google Scholar

Find articles	with **all** of the words	hierarchy	10 results ▼	Search Schol:
	with the **exact phrase**			
	with **at least one** of the words	usage utility utilization task job		
	without the words			
	where my words occur	anywhere in the article ▼		

Author   Return articles written by

e.g., *"PJ Hayes"* or *McCarthy*

Publication   Return articles published in

e.g., *J Biol Chem* or *Nature*

Date   Return articles published between ⌐ — ⌐

e.g., *1996*

Subject Areas

◉ Return articles in all subject areas.

◯ Return only articles in the following subject areas:

☐ Biology, Life Sciences, and Environmental Science
☐ Business, Administration, Finance, and Economics
☐ Chemistry and Materials Science
☐ Engineering, Computer Science, and Mathematics
☐ Medicine, Pharmacology, and Veterinary Science
☐ Physics, Astronomy, and Planetary Science
☐ Social Sciences, Arts, and Humanities

Search

Full Text

Concept

Document ID

Recent Disclosures

Other

Prior Art Home

Support

Logout

Displaying records #1 through 10 out of 500
(search stopped at 500 hits)

Result # 1   Relevance: ○

Goal Oriented Central Processing Unit Scheduling

1993-12-01   IPCOM000106776D   English

This invention addresses the problem of goal-oriented CPU management. Work entering
system is categorized into service classes, each with its own response time or service r:
problem is to devise effective, low overhead algorithms that enforce the ...

Result # 2   Relevance: ○

Method to Determine Idle Time of a Computer's Central Processing Ui

1992-03-01   IPCOM000107539D   English

Disclosed is a method to accurately determine the idle time of a computer's Central Pro

Result # 3   Relevance: ○

Dynamic Bubbling Task Dispatching Algorithm

1970-06-01   IPCOM000072289D   English

A method of running a multiprogramming system is to dynamically determine the I/O o
boundedness of the tasks to be dispatched and to give higher priority service to the on
perform the most I/O. A group of tasks which is heuristically dispatched is identified as

Result # 4   Relevance: ○

**Method for Causing a Certain Amount of CPU Usage in Preemptive Mu
OSes**

2003-11-18   IPCOM000020376D   English

Method for Causing a Certain Amount of CPU Usage in Preemptive Multitasking OSes

Result # 5   Relevance: ○

**Factoring contention in to the priority calculation by the
kernel**

2003-05-20   IPCOM000012679D   English

This article covers a priorty-based calculation method based on resource contention an
which currently is not factored into current priority/scheduling policies. New parameter:
introduced to monitor contention and utilization for resources.

Result # 6   Relevance: ○

Accounting Algorithm for Computer Systems

1972-03-01   IPCOM000076627D   English

Accounting algorithms may be made repeatable across dissimilar systems by relating th
used by the algorithms to a standard system. For example, if central processing unit (C
used as a variable, then all CPU times should be mapped into what they would ...

Result # 7   Relevance: ○

Throughput Scheduling Algorithm in a Multi Programming System

1971-10-01   IPCOM000075628D   English

A common problem existing in multi-programming environments is the lack of an intelli

mechanism by the system, when it comes time to choose a suspended task from a list ·
Usually it is accomplished by some rigid priority scheme, which says that ...

Result # 8   Relevance: ○

CPU Load Adjustment Algorithm

1974-01-01   IPCOM000080686D   English

The environment that this algorithm was designed to function in, is one in which the nu
initiated and logged-on jobs (workload elements) will normally exceed by a significant ¿
number of workload elements which can concurrently fit into main storage. Those ...

Result # 9   Relevance: ○

Automatic Priority Group Method Based on Mean Time To Wait

1973-10-01   IPCOM000079969D   English

There has been demonstratable proof over the last 3-4 years that, under most conditio
Operating Systems perform better (more throughput) if users that perform more input/
dispatched first and more often than users that "hog" the CPU resource ...

Result # 10   Relevance: ○

Priority Control Method for a Resource Partitioning System

1975-11-01   IPCOM000084511D   English

I. Definitions. The following definitions will be helpful in understanding this description.

Displaying page 1 of 50   << FIRST | < BACK | NEXT > | LAST >>

Search A scheduler of central processing unit (CPU) usage arranges tasks in a plurali
query: associating a given task with a top level class and a sub-class. Weights may t
sub-classes and usage targets associated with top level classes. A target CPU
be determined for the given task from a weight and a target CPU usage. Once
of the CPU by the given task is determined in a first predetermined evaluation
penalty duration may be determined for the given task based on the actual u:
target CPU usage. A penalty may then be applied to the given task for the pe
during a second predetermined evaluation interval.

New search | Modify this search